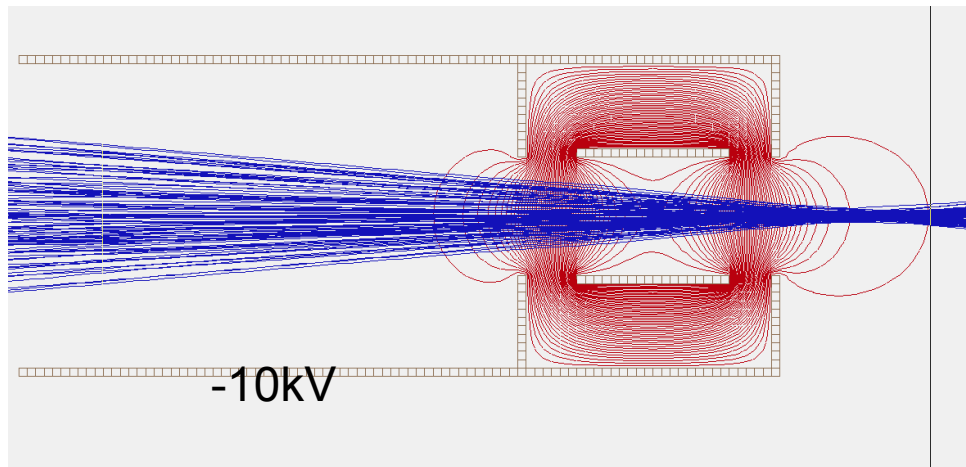
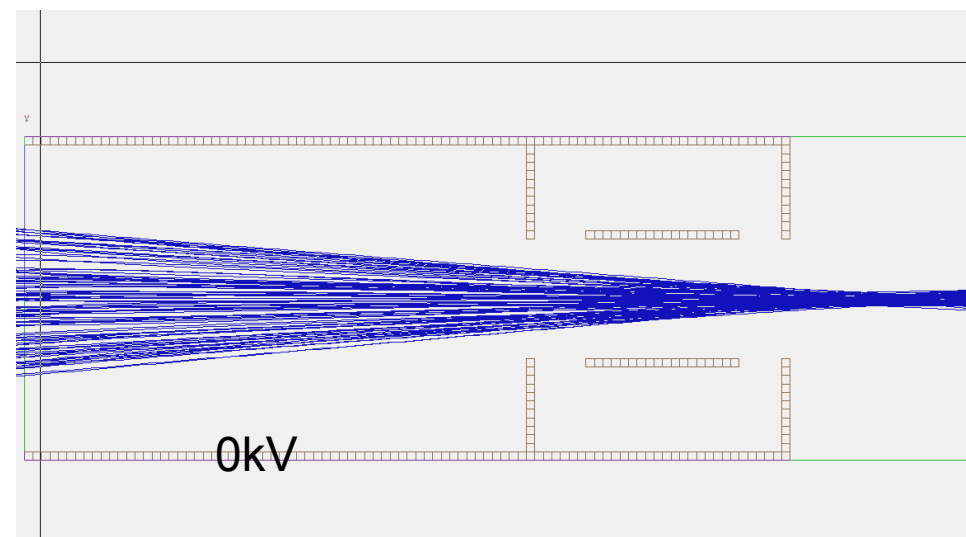
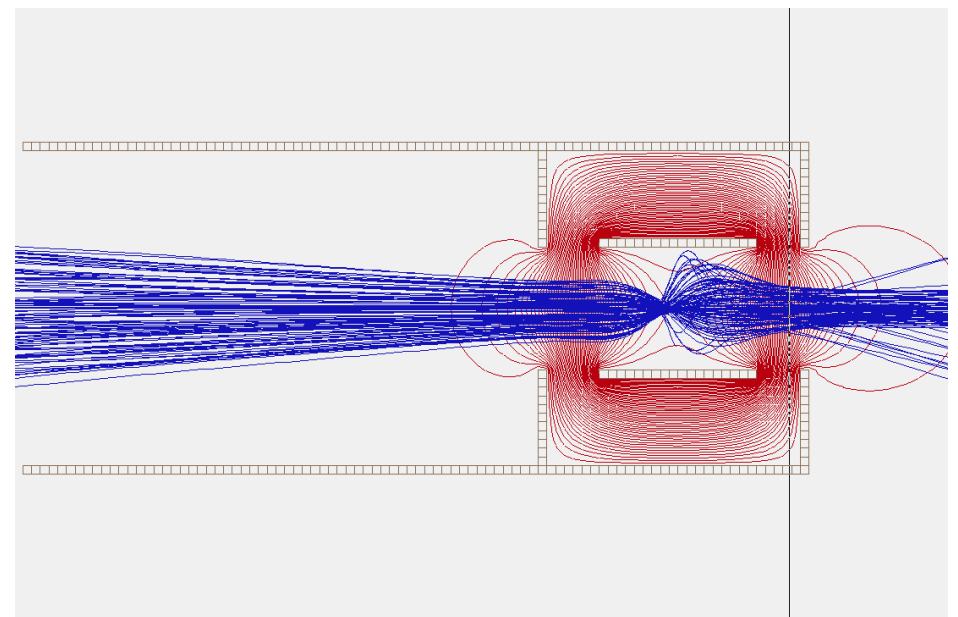
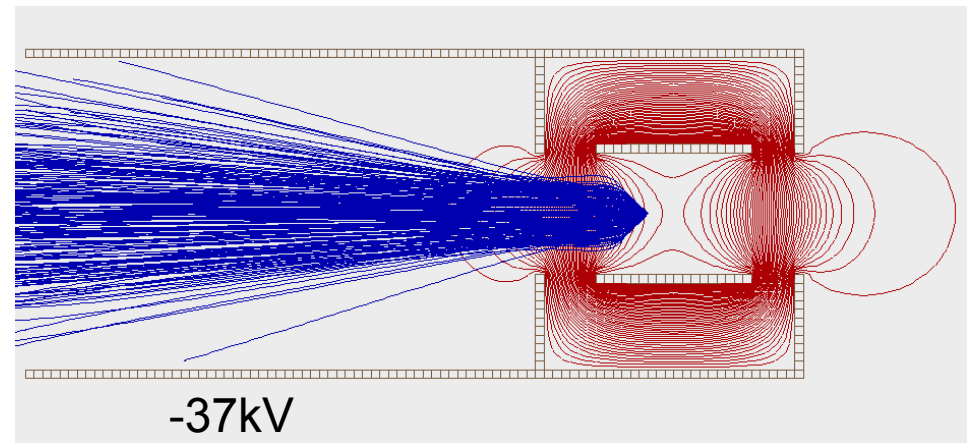


Einzel Lens as Chopper

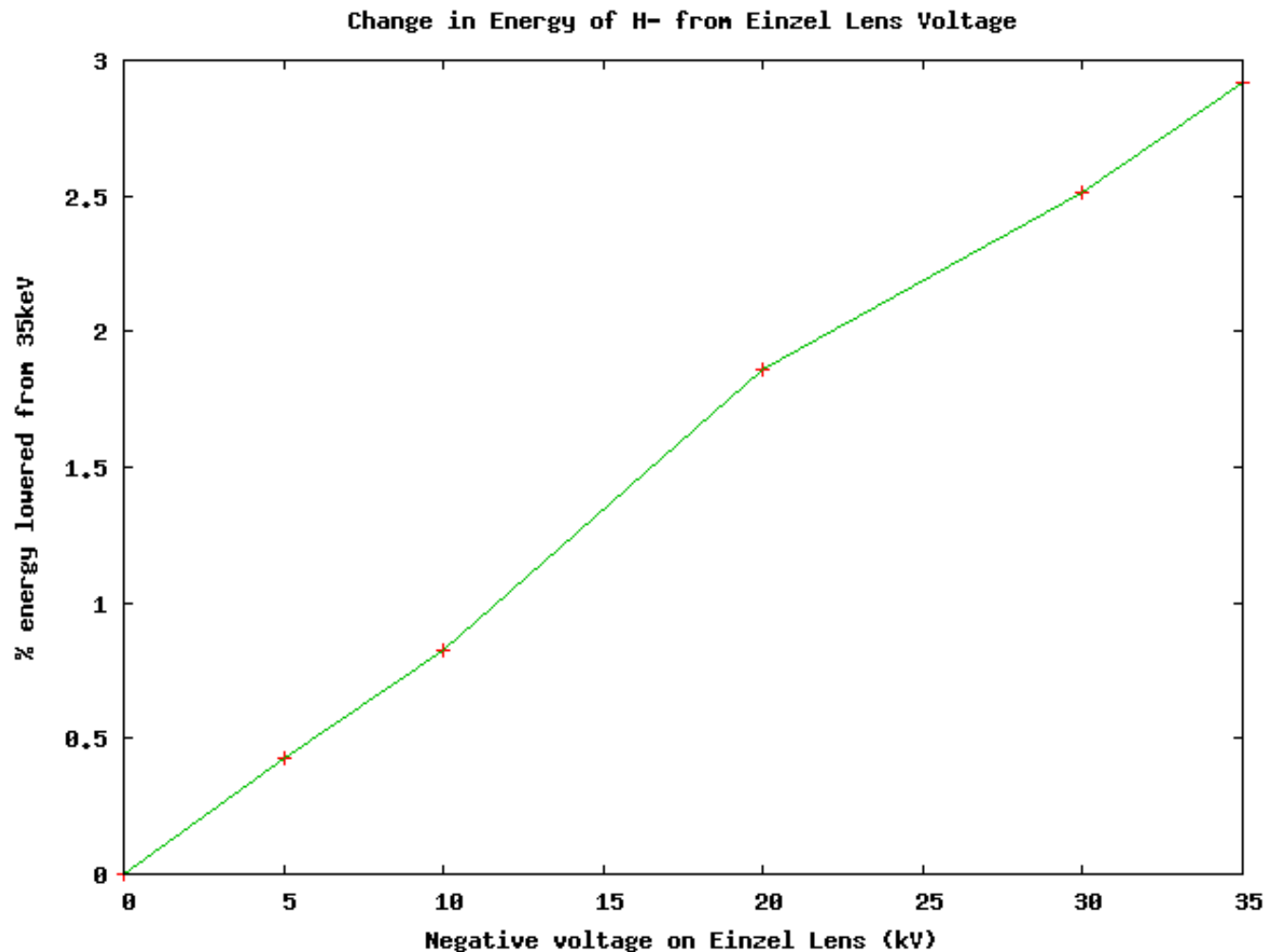
C.Y. Tan
9 June 2010



-35kV. Too much focusing.
Turning down solenoid does not
help



Einzel Lens reduces energy of H-



If integrating from $-\infty$ to $+\infty$, then energy is unchanged. However, because entrance of RFQ is only 1" from the end of the Einzel lens structure, not all the energy is recovered.

Energy acceptance of RFQ is $\pm 1\%$.